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EUROPEAN PATENT APPLICATION

(43) Date of publication:
19.09.2001 Bulletin 2001/38

(51) Int Cl.7: H04B 7/005

(21) Application number: 01105420.2

(22) Date of filing: 12.03.2001

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: 15.03.2000 JP 2000072049

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(54) Mobile station, base station and mobile communication system with transmission power control

(57) A mobile station (M) receives a transmission power control command transmitted over a forward-link from a base station (S) for making a reception condition of a reverse-link at the base station (S) substantially fixed. A reception quality estimation section (12) of the mobile station (M) estimates the reception quality of the transmission power control command, and a transmis-

sion power control section (13) controls the transmission power with a control width varied in response to the reception quality estimated by the reception quality estimation section. Even if the communication condition of the forward-link becomes unfavorable, the transmission power of the mobile station (M) is prevented from being displaced by a great amount in a direction different from the instruction from the base station (S).

FIG. 1

